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			Filing Date February 19, 200	4	Group Art U Unknown	Group Art Unit Unknown			
U.S. PATEN	IT DOCI	UMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I		
4/1		4,403,256	9/6/83	Green et al.					
TA I		4,410,914	10/18/83	Siau					
1		4,476,494	10/9/84	Tugayé					
	`	4,897,719	1/30/90	Griffin					
		4,959,725	9/25/90	Mandle	- <del> </del>				
		5,237,405	8/17/93	Egusa et al.		<del> </del>			
		5,371,539	12/6/94	Okino et al.	<del>- </del>				
		5,563,652	10/8/96	Toba et al.		· · · · · · · · · · · · · · · · · · ·			
y		5,629,988	5/13/97	Burt et al.			<u> </u>		
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OTHER D	ОСИМЕ	ENTS (Including	g Author, Title, De	ate, Pertinent Pages, Etc.)			•		
UM		<u> </u>		hover stabilization", Carl-Henrik					
19		"Development of image stabilization (2000)	ation system for rem	ote operation of walking robots",	Kurazume et al,	IEEE Vol. 2, pp	. 1856-18	61,	
		"Dynamic Stabilization of a Pan Image Understanding 79, pp. 47		Submarine Image Visualization	, Armel Cretual	et al., Computer	Vision an	d	
		"Stabilization, restoration and re al., Applications of Digital Imag		nt of a video sequence captured b Proceedings of SPIE Vol. 4472		vibrating platfon	n", A. Ste	m, et	
()		"A Stable Vision System for Mo No. 1, March 2000, pp. 32-39	oving Vehicles", Jess	e S. Jin et al., IEEE Transactions	of Intelleigent T	ransportation Sy	stem, vol.	1,	
7		"Camera Tracking for Augmente	ed Reality Media", B	Solan Jiang et al., 2000 IEEE, Vo	l. III, pp. 1637-16	540			
EXAMINER	•	102		DATE CONSIDERED	04/291	67			
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INFORMA	INFORMATION DISCLOSURE		Docket Number (Optional) BSS0005		Application Number 10/781,968			
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EXAMINER INTIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I IF APPROPI	
UIA		5,648,815	7/15/97	Toba				
Nº I		5,798,786	8/25/98	Lareau et al.			· · · · · ·	
		5,909,242	6/1/99	Kobayashi et al.				
		5,953,079	9/14/99	Burl et al.				
		6,154,317	11/28/00	Segerstrom et al.				
		6,211,913	4/3/01	Hansen et al.				
		6,396,961	5/28/02	Wixson et al.				
	<u> </u>	6,459,822	10/1/02	Hathaway et al.				
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9 <i>U</i>	. •	'A Novel Affine Template Mate Lab, STMicroelectronics Inc.	hing Method and Its	Application to Real-Time Track	ing", Ismail Once	Scbe, et al., AS	T San Dic	go
Ą	$\mathcal{I}$	"A simple and effectent template University, F-63177 Aubiere, Fr		n", Frederic Jurie et al., LASMEA	- UMR 6602 of	CNRS, Blaise-I	ascal	
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<del>   </del>	-	11ance, pp. 123-132			<del></del>		<del></del>	
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INFORMAT	INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) BSS0005		Application Number 10/781,968			
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			Filing Date February 19, 200	Group Art Unit 2614				
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EXAMINE R INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILI DA II APPR A1	TE F Opri
ULAA		RE38,420	2/10/04	Thomas				
100		5,502,482	3/26/96	Graham			<u> </u>	
		5,012,347	4/30/91	Fournier				
		5,430,480	7/4/95	Allen et al.		1	<u> </u>	
		5,438,360	8/1/95	Edwards				
		5,608,703	3/4/97	Washisu				
		5,629,988	5/13/97	Burt et al.				
		5,835,138	11/10/98	Kondo				
		5,926,212	7/20/99	Kondo	<del> </del>			
1		5,973,733	10/26/99	Gove				
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DOCUM	ENTS						
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	6,144,405	11/7/00	Toba				
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	6,211,912	4/3/01	Shahraray			<b></b>	
	6,628,711	9/30/03	Mathew et al.				
	6,734,901	5/11/04	Kudo et al.				
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	6,781,622	8/24/04	Sato et al.		1		
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INFORMATI	ON DISC	CLOSUME CITATION CESSARY	Docket Number BSS0005	(Optional)	Application 10/781,96	on Number 8		
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YUA		US2002/0140813	10/3/02	Trajkovic et al.		1		
1		US2002/0140814	10/3/02	Cohen-Solal et al.			†	
		US2002/0167537	11/14/02	Trajkovic			<del>                                     </del>	
	Ī.	US2002/0168091	11/14/02	Trajkovic		†		
		US2003/0137589	7/24/03	Miyata		†	<del> </del>	<del></del>
		US2003/0227555	12/11/03	Kobayashi et al.		<del> </del>	1	
		5,264,933	11/23/93	Rosser et al.	· ·	1	1	
		5,353,392	10/4/94	Luquet et al.	<del> </del>		<del> </del>	
		5,436,672	7/25/95	Medioni et al.		<del> </del>	+	
	<del>                                     </del>	5,491,517	2/13/96	Kreitman et al.			<del> </del>	
		5,517,236	5/14/96	Sergeant et al.		<del>                                     </del>	<del>                                     </del>	
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		JP 03286211	12/17/91	Japan Abstract Only				
		JP62229082	10/7/87	Japan Abstract Only			_	
		WO 01/69930A1	9/20/01	PCT				
OTHER DOC	UMENTS		thor, Title, Date, Pe	<u> </u>		<u></u>		L
4000		T.E. Boult, R. Michaels, A. Erka	n, P. Lewis, C. Pow	ers, C. Qian, and W. Yin, "Frame-	Rate Multi-B	ody Tracking for	Surveillai	nce,"
7		Proceeding of the DARPA Imag I. Haritao□lu, D. Harwood, and and Machine Intelligence, 22(8)	L.S. Davis, "W4: Re	al-time surveillance of People and	their Activiti	es," IEEE Trans.	Pattem A	nalysis
J		I. Haritao⊡lu, et al., "W4: Who? Conference on Face and Gesture	When? Where? Who	at? A real Time System for Detecting	g and Tracki	ing People," Inter	national	
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Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE
SHEET 1 OF 4

INFORMATION	ON DISC	LOSURE CITATION	Docket Number ( BSS0005	Optional)	Application 10/781,968	Number			
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			Filing Date February 19, 2004	Filing Date February 19, 2004		Group Art Unit 2614			
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YUA		5,528,319	7/18/96	Austin					
1001	<del> </del>	5,610,653	3/11/97	Abecassis					
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		5,629,984	5/13/97	McManis					
	<del> </del>	5,731,846	3/24/98	Kreitman et al.					
	<del>                                     </del>	5,754,225	5/19/98	Naganuma					
	<del> </del>	5,798,787	8/25/98	Yamaguchi et al.					
	<del>                                     </del>	5,801,770	9/1/98	Paff et al.				-	
	-	5,963,248	10/5/99	Ohkawa et al.					
	<del>                                     </del>	5,963,371	10/5/99	Needham et al.					
7	<del>                                     </del>	5,969,755	10/19/99	Courtney				,	
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440		WO 01/69932A1	9/20/01	PCT					
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OTHER DO	CUMENT	TS (Including	Author, Title, Date, P	ertinent Pages, Etc.)					
4/41		J. Segen and G. Pingali, "A C	96	or Tracking People in Real Time					
und		C.R. Wren, A. Azarbayejani,	T. Darrell, and A.P. P	cntland, <i>"Pfinder: Real-time Tro</i> , July 1997					
4.00	Not	Webpage: www.polywell.com	n/scourity/digitall/app	s.html "DIGITAL VIDEO SYS	TEM BASIC S	YSTEM::APPLIC	CATIONS		
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Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE SHEET 2 OF 4

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UUK		5,982,420	11/9/99	Gove				
7		6,067,399	5/23/00	Berger				
1		6,181,345	1/30/01	Richard				
1		6,208,379	3/27/01	Oya et al.				
	· · ·	6,208,386	3/27/01	Wilf et al.		<del> </del>		
1		6,263,088	7/17/01	Crabtree et al.				
1		6,295,367	9/25/01	Crabtree et al.				
1	<del></del>	6,384,871	5/7/02	Wilf et al.		1		
		6,424,370	7/23/02	Courtney			·	
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7		6,441,864	8/27/02	Minami et al.				
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UWA		6,442,474	8/27/02	Trajkovic				
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